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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: March 19, 2004

(use as many sheets as necessary)

Complete if Known

Application Number	09/770,506
Filing Date	01/29/2001
First Named Inventor	Michihiro OHSUGE
Group Art Unit	2631
Examiner Name	M. H. Ghayour
Attorney Docket Number	053969-0125

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
Ph	A1	WO	99/35763		Ericsson Inc.	07-15-1999		
Ph	A2	WO	00/04648		Telefonaktiebolaget LM Ericsson	01-27-2000		
Ph	A3	WO	00/64065		Matsushita Electric Industrial Co., Ltd.	10-26-2000		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
Ph	A4	ESSAM SOUROUR, GREGORY BOTTOMLEY and RAJARAM RAMESH, "Delay Tracking For Direct Sequence Spread Spectrum Systems In Multipath Fading Channels," 1999 IEEE, Ericsson Inc., Page 422-426.	

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⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Application Number		09/770,506			
Filing Date		01/29/2001			
First Named Inventor		Michihiro OHSUGE			
Group Art Unit		2631			
Examiner Name		P. Kumar			
Attorney Docket Number		053969-0125			

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 JUN 28 2004
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Sheet	1	of	1
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Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
PW	A1	EP	1 096 694	A1	MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD.	05/02/2001		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶

Examiner Signature		Date Considered	8/2005
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Substitute for form 1449B/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: May 21, 2003 (use as many sheets as necessary)			Application Number	09/770,506	
			Filing Date	01/29/2001	
			First Named Inventor	Michihiro OHSUGE	
			Group Art Unit	1194	
			Examiner Name	Unknown	
Sheet	1	of	1	Attorney Docket Number	053969-0125

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
<i>Ph</i>	A1	6,181,732	B1	KOMATSU	01/30/2001	
<i>Ph</i>	A2	5,812,593		KAKU	09/22/1998	
<i>Ph</i>	A3	5,960,028		OKAMOTO ET AL.	09/28/1999	
<i>Ph</i>	A4	6,519,451	B1	NATORI ET AL.	02/11/2003	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
<i>Ph</i>	A5	JP	10-336072	A	NTT IDO TSUSHINMO KK	12/18/1998		ABS.
<i>Ph</i>	A6	JP	10-308688	A	NEC CORP.	11/17/1998		ABS.
<i>Ph</i>	A7	JP	8-181636	A	NEC CORP.	07/12/1996		ABS.
<i>Ph</i>	A8	JP	2001-203608	A	MITSUBISHI DENKI KK	07/27/2001		ABS.
<i>Ph</i>	A9	JP	2000-269860	A	YRP MOBILE TELECOMMUNICATIONS KEY TECH. RES. LAB. CO. LTD.	09/29/2000		ABS.
<i>Ph</i>	A10	JP	9-270735	A	SHARP CORP.	10/14/1997		ABS.
<i>Ph</i>	A11	JP	2000-278177	A	SANYO ELECTRIC CO. LTD.	10/06/2000		ABS.
<i>Ph</i>	A12	JP	2000-252871	A	SONY CORP.	09/14/2000		ABS.
<i>Ph</i>	A13	JP	8-32553 8032553	A	MATSUSHITA ELECTRIC IND. CO. LTD.	02/02/1996		ABS.
<i>Ph</i>	A14	JP	2000-101549	A	NEC CORP.	04/07/2000		ABS.

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶

Examiner Signature	<i>Pantaj Kumar</i>	Date Considered	8/20/05
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ATTY. DOCKET NO.

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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT

Michihiro OHSUGE

FILING DATE

January 29, 2001

GROUP ART UNIT

Unassigned

JCS 835 U.S. PTO
 09/770506
 01/29/01

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Ph</i>	A1	Akio Aoyama et al., "Path-search Performance of DS-CDMA System in Laboratory and Field Experiments.", Technical Report of The Institute of Electronics, Information and Communication Engineers (IEICE), RCS97-164, (1997-11), pp. 51-58, C&C Media Research Lab., NEC Corporation					

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Panting Huang

DATE CONSIDERED

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